



INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Atty. Docket No. 04121.0116.01		Serial No. 08/957,709					
Applicant Holly Hogrefe and Connie J. Hansen							
Filing Date October 24, 1997		Group					
U.S. PATENT DOCUMENTS							
Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate	
S/H	5,436,149	07/25/95	Barnes	435	194		
✓	5,427,928	06/27/95	Slesarev	435	91.5		
✓	5,407,800	04/18/95	Gelfand et al.	435	6		
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Sub Class	Translation Yes or No	
S/H	EP 0 745 687	12/04/96	Europe			Abstract	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
S/H	Sarkar, Gobinda et al., "Formamide can dramatically improve the specificity of PCT," <u>Nucleic Acids Research</u> , 18:7465 (1990).						
✓	Richter, Oliver-Matthias H. et al, "Cloning and sequencing of the gene for the cytoplasmic inorganic pyrophosphatase from the thermoacidophilic archaeabacterium Thermoplasma acidophilum," <u>Eur. J. Biochem.</u> , 209:351-355 (1992).						
✓	Spitzer, Eric D. et al., "β-Alanine auxotrophy associated with dfp, a locus affecting DNA synthesis in Escherichia coli," <u>Journal of Bacteriology</u> , 170:872-876 (1988).						
Examiner	<i>S/H Hause</i>		Date Considered		2-22-99		
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						
Form PTO 1449				Patent and Trademark Office - U.S. Department of Commerce			

INFORMATION DISCLOSURE CITATION
 (Use several sheets if necessary)

Atty. Docket No.		04121.0116.01		Serial No.		08/957,709	
Applicant		Holly Hogrefe and Connie J. Hansen					
Filing Date		October 24, 1997		Group			
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>Slt</i>		Spitzer, Eric D. et al., "dfp gene of Escherichia coli K-12, a locus affecting DNA synthesis, codes for a flavoprotein," <u>Journal of Bacteriology</u> , 164:994-1003 (1985).					
		Kelman, Zvi et al., "Structural and functional similarities of prokaryotic and eukaryotic DNA polymerase sliding clamps," <u>Nucleic Acids Research</u> , 23:3613-3620 (1995).					
		Takamatsu, Satoko et al., "Mismatch DNA recognition protein from an extremely thermophilic bacterium, Thermus thermophilus HB8," <u>Nucleic Acids Research</u> , 24:640-647 (1996).					
		Wagner, Robert et al., "Mutation detection using immobilized mismatch binding protein (MutS)," <u>Nucleic Acids Research</u> , 23:3944-3948 (1995).					
<i>V</i>		Tabor, Stanley et al., "DNA sequence analysis with a modified bacteriophage T7 DNA polymerase," <u>Proc. Natl. Acad. Sci. USA</u> , 84:4767-4771 (1987).					
<i>V</i>		Gottlieb, J. et al., "Interaction of Herpes Simplex Virus Type 1 DNA polymerase and the UL42 accessory protein with a model primer template," <u>Journal of Virology</u> , 68:4937-4945 (1994).					
Examiner		<i>S. Murt</i>		Date Considered		<i>2-22-99</i>	
*Examiner:		Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					
Form PTO 1449				Patent and Trademark Office - U.S. Department of Commerce			

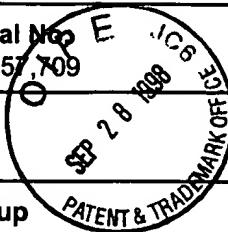
INFORMATION DISCLOSURE CITATION
 (Use several sheets if necessary)

Atty. Docket No. 04121.0116.01		Serial No. 08/957,709					
Applicant Holly Hogrefe and Connie J. Hansen							
Filing Date October 24, 1997		Group					
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>S/A</i>	Tsurumi, Tatsuya et al., "Functional interaction between Epstein-Barr virus DNA polymerase catalytic subunit and its accessory subunit in vitro," <u>Journal of Virology</u> , 67:7648-7653 (1993).						
<i>✓</i>	Chevet, Eric et al., "Low concentrations of tetramethylammonium chloride increase yield and specificity of PCR," <u>Nucleic Acids Research</u> , 23:3343-3344 (1995).						
<i>✓</i>	Hung, Ted et al., "A specificity enhancer for polymerase chain reaction," <u>Nucleic Acids Research</u> , 18:4953 (1990).						
<i>✓</i>	Schwarz, Klaus et al., "Improved yields of long PCR products using gene 32 protein," <u>Nucleic Acids Research</u> , 18:1079 (1990).						
<i>✓</i>	Young, Mark C. et al., "Structure and function of the bacteriophage T4 DNA polymerase Holoenzyme," <u>Biochemistry</u> , 31:8675-8690 (1992).						
<i>✓</i>	Barnes, Wayne M., "PCR amplification of up to 35-kb DNA with high fidelity and high yield from lambda bacteriophage templates," <u>Proc. Natl. Acad. Sci. USA</u> , 91:2216-2220 (1994).						
	Oncor Fidelity DNA Sequencing System Product Profile, August 1995.						
Examiner <i>S. Mow</i>			Date Considered		<i>2-22-99</i>		
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
Form PTO 1449				Patent and Trademark Office - U.S. Department of Commerce			

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Atty. Docket No. 04121.0116.01		Serial No. 08/957,709					
Applicant Holly Hogrefe and Connie J. Hansen							
Filing Date October 24, 1997	Group						
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>SJ</i>	Randall, Sandra K. et al., "High-resolution sequencing of double-stranded DNA with the FIDELITY DNA Sequencing System," Oncor Fidelity DNA Sequencing System Application Note.						
<i>SJ</i>	Makai, Hiroyuki et al., "Long and Accurate (LA) PCR with greater fidelity and higher yields using TaKaRa LA," Oncor TaKaRa LA PCR Kit Application Note.						
Examiner <i>SJ</i> <i>MH</i>	Date Considered 10-22-99						
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
Form PTO 1449				Patent and Trademark Office - U.S. Department of Commerce			

SUPPLEMENTAL INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Atty. Docket No. 4121.0116-01000	Serial No. 08/957,709
	Applicant Holly Hogrefe and Connie Jo Hansen	
	Filing Date October 24, 1997	Group

**U.S. PATENT DOCUMENTS**

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
SL	5,556,772	09/17/96	Sorge et al.	435	91.2	2-16-94-29 SEP 1996
						JP 180 AM 10:52

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub-Class	<u>Translation</u>	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner:	<i>S. Mout</i>	Date Considered:	<i>2-22-99</i>
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			